

AMENDMENTS TO THE CLAIMS

Please amend Claim 16 as follows. All claims currently pending in this application, including those not currently being amended, have been reproduced below.

Claims 1 to 15 (Cancelled).

16. (Currently Amended) An image pickup apparatus comprising:
an image sensor that picks up an image corresponding to an optical image, and produces a first field image signal having a first exposure and a second field image signal having a second exposure different ~~exposure~~ from the first ~~field image signal exposure~~;
a synthesizing circuit that synthesizes the first field image signal and the second field image signal to form a ~~synthesized field image signal having a synthesized exposure~~ third image signal having a wider exposure range than the first or second field image signal;
a switching circuit that selectively outputs one of the first field image signal having the first exposure and the third image signal having the wider exposure range than the first field image signal;
a detecting circuit that detects an amount of motion ~~vector and produces~~ information between the first field image signal and the second field image signal to produce a detection signal in comparison with a predetermined threshold level; and
a control circuit that ~~selects a non-synthesizing mode if the amount of motion vector is more than said predetermined threshold level and a synthesizing mode of producing said synthesized field image signal having the synthesized exposure if the amount of motion vector is less than said predetermined threshold level~~ controls said switching circuit to select one of the first field image signal having the first exposure and

the third image signal having the wider exposure range than the first field image signal in response to a result of said detecting circuit.

17. (Previously Presented) An image pickup apparatus according to Claim 16, wherein the first field image signal and the second field image signal are sequential signals.

18. (Previously Presented) An image pickup apparatus according to Claim 16, wherein the first field image signal and the second field image signal are different in exposure.

19. (Previously Presented) An image pickup apparatus according to Claim 16, wherein the first field image signal and the second field image signal are produced with different exposure periods.

20. (Previously Presented) An image pickup apparatus according to Claim 16, wherein said synthesizing circuit selects a proper exposure part of the first field image signal and a proper exposure part of the second field image signal to produce one synthesized image signal.